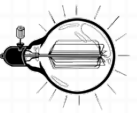


My Idea

Shared with (print name):

Signature:



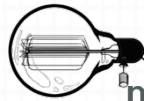
HACK YOUR NOTEBOOK
Illuminate Your Thinking

LECTROKIT™ nexmap

Two horizontal lines for writing, enclosed in a rounded rectangular box.

NOTES

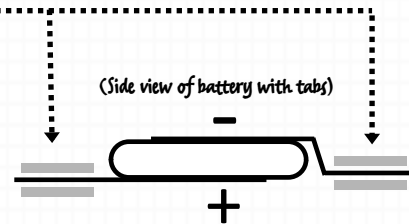
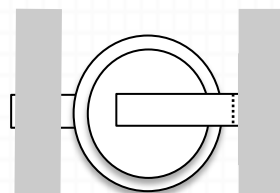
Vertical lines for notes.



nexmap and LECTROKIT™ thank Jie Qi and  chibi tronics for use of the circuit sticker images and illustrations.



Use two pieces of tape on the positive (+) and negative (-) tabs, one under and one on top, like a sandwich, to create good contact and to hold your battery in place.

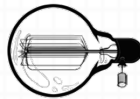


(IMPORTANT! Always run your tape over to the other side so your clip leads can make contact on both sides of your Project Card.)



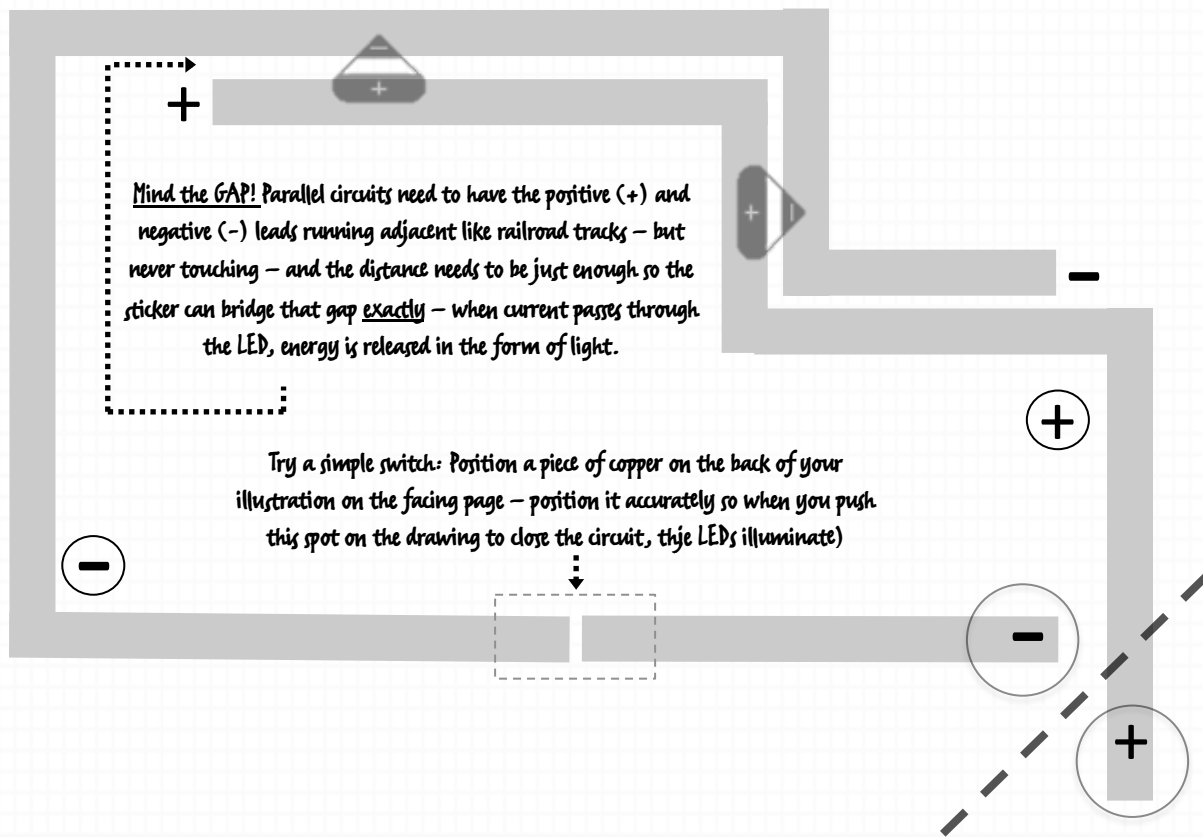
PROJECT

- **DESIGNING WITH LIGHT: A PARALLEL CIRCUIT WITH SWITCH + MULTIPLE LEDs.**
- **Electrical Polarity Matters!** See the question for the second circuit sticker: On the template. When you construct your circuits pay close attention polarity and the direction electricity is flowing, from negative to positive.
- **Integrate the switch with your drawing or story or diagram on your cover page.** How will someone know what to push? What's the connection between the story/line in your project and the use of an on/off switch?



nexmap and LECTROKIT™ thank Jie Qi and  for use of the circuit sticker images and illustrations.

Always apply circuit Stickers ON TOP of the COPPER TAPE, then PRESS FIRMLY and burnish with your fingernail or a hard object, like the handle of a pair of small scissors.



Mind the GAP! Parallel circuits need to have the positive (+) and negative (-) leads running adjacent like railroad tracks – but never touching – and the distance needs to be just enough so the sticker can bridge that gap exactly – when current passes through the LED, energy is released in the form of light.

Try a simple switch: Position a piece of copper on the back of your illustration on the facing page – position it accurately so when you push this spot on the drawing to close the circuit, the LEDs illuminate)

NOTES

--	--	--

--	--	--

